

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION

WIN-1537

Effective February 1, 2012

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**. This product shall be subject to reevaluation **December 2015**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Series 7200/7300 Vinyl Horizontal Sliding Windows, Non-impact Resistant, manufactured by

General Aluminum Company of Texas, LP
1001 W. Crosby Road
Carrollton, Texas 75006
Telephone: (972) 242-5271

will be acceptable in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

PRODUCT DESCRIPTION

The Series 7200/7300 horizontal sliding windows are vinyl horizontal sliding windows. The vinyl horizontal sliding windows evaluated in this report are individual, non-impact resistant, windows. This product evaluation report is for vinyl horizontal sliding windows based on the following tested constructions:

General Description:

System	Description	Label Rating
1	Series 7200/7300 Vinyl Horizontal Sliding Window; (XO, OX)	HS-R25 72 x 54

Product Dimensions:

System	Overall Size
1	72" x 54"

Glazing Description:

System	Glass Construction ¹	Glazing Method ²
1	IG-1	GM-1

Note: ¹ See the "Glass Construction Key" for the glazing construction.

² See the "Glazing Method Key" for the glazing method description.

Glass Construction Key:

IG-1: Both the fixed and operable sashes contain a sealed insulating glass unit. The sealed insulating glass unit in the tested assembly is comprised of two double strength ($\frac{1}{8}$ ") annealed glass lites separated by a Duraseal spacer system. The glass thickness and type used in the insulating glass unit of the tested assembly and in smaller assemblies shall comply with ASTM E 1300-04.

Glazing Method Key:

GM-1: The insulating glass units are interior glazed with double side tape at the exterior. The insulating glass units are secured in place with rigid vinyl glazing beads.

Frame Construction: The frame members are manufactured from extruded vinyl (PVC).

Sash Construction: The sash members are manufactured from extruded vinyl (PVC).

Reinforcement: Aluminum reinforcement is located inside the sash and fixed interlock. The reinforcement extends the length of the members.

Product Identification: A certification program label (AAMA) will be affixed to the window. The certification program label includes the manufacturer's code name (GA-1); product name: **Series 7200/7300 HS**; performance characteristics; and approved inspection agency to indicate compliance with AAMA/WDMA/CSA 101/I.S.2/A440-05.

LIMITATIONS

Design pressures (DP):

System	Maximum Width (in.)	Maximum Height (in.)	Design Pressure (psf)
1	72	54	± 25

Impact Resistance: These window assemblies do not satisfy the Texas Department of Insurance's criteria for protection from windborne debris. These window assemblies will need to be protected with an impact protective system when installed in areas where windborne debris protection is required.

Acceptance of Smaller Assemblies: Windows assemblies with dimensions equal to or smaller than those specified above are acceptable within the limitations specified in this report.

INSTALLATION INSTRUCTIONS

General: The window assembly shall be installed in accordance with the manufacturer's installation instructions and this evaluation report. Detailed installation instructions and drawings are available from the manufacturer.

Installation: The window frame shall be fastened to minimum Spruce-Pine-Fir dimension lumber. The window is secured to the wall framing using the window frame nailing fin with minimum 6d common nails. The fasteners shall be spaced approximately 6 inches from each corner and approximately 17 inches on center along the perimeter of the window. The fasteners shall be long enough to penetrate a minimum of $1\frac{1}{2}$ inches into the wall framing.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.